

.L3 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1994:167018 CAPLUS  
 DN 120:167018  
 TI Coatings for improving aquatic environment  
 IN Kobayashi, Tatsuji  
 PA Okabe Kk, Japan; Kobayashi Tatsuji  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05247378	A2	19930924	JP 1992-51886	19920310
	JP 3175964	B2	20010611		
	JP 2001247794	A2	20010911	JP 2000-386810	19920310
PRAI	JP 1992-51886	A3	19920310		

AB Coatings improving water qualities when applied on aquatic structures contain phototrophic bacteria, carrier, and nutrients for the phototrophic bacteria, and optionally algae or aquatic plant spores and/or static cells. A **compn.** forming coatings promoting aquatic life improving water qualities comprised 250 kg water, 3 kg Poiz 530 dispersant, 100 kg unburnt kieselguhr powder, 5 L **Rhodopseudomonas capsulatus**-contg. water, 10 kg kuroboku, 200 kg XA-3634A acrylic emulsion, 300 g 10% aq. ammonia, and 1.5 kg CM **cellulose**, and this **compn.** may also contain cultivated *Chlorella vulgaris* spores or laver zoospores.